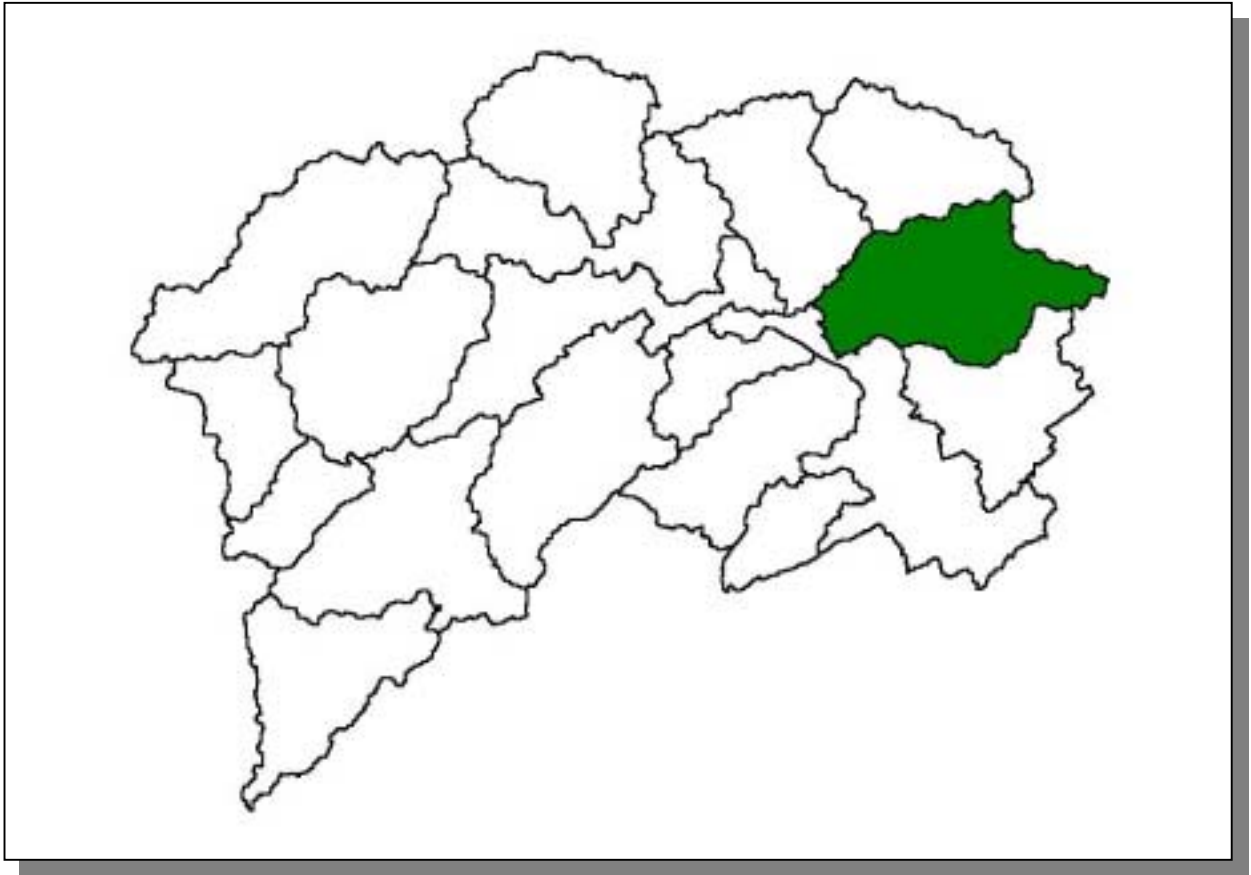
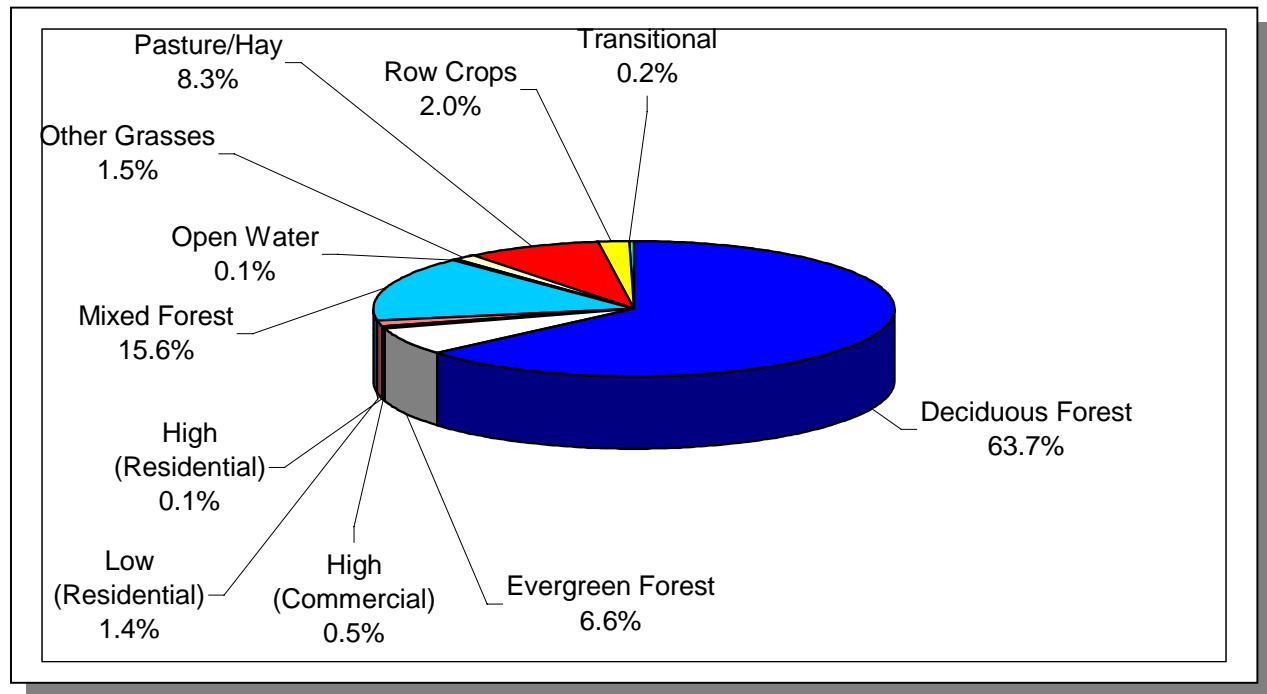


4.2.L. 06010208120.

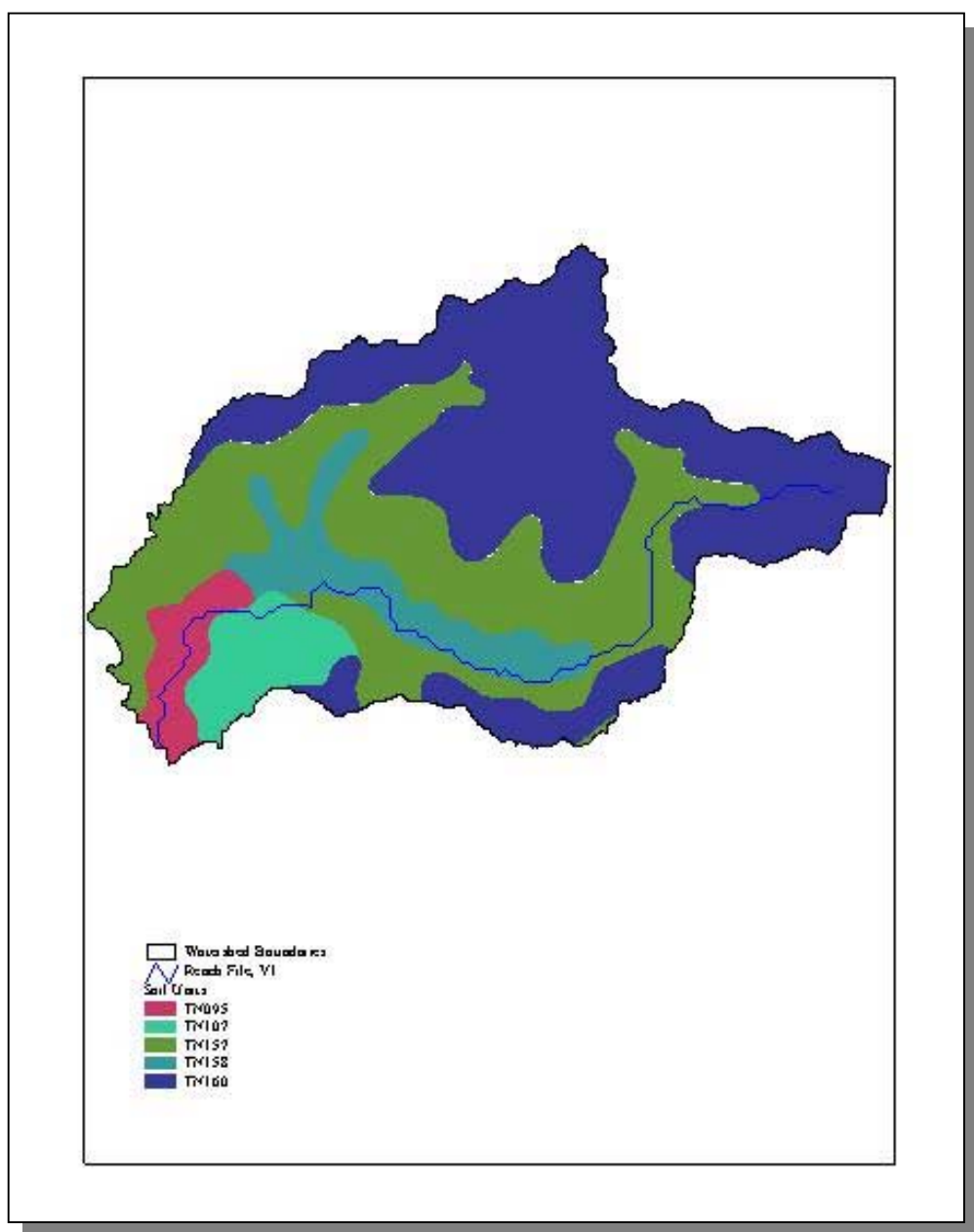


**Figure 4-64. Location of Subwatershed 06010208120.** All Emory HUC-14 subwatershed boundaries are shown for reference.

4.2.L.i. General Description.



**Figure 4-65. Land Use Distribution in Subwatershed 06010208120.** More information is provided in Emory-Appendix IV.



**Figure 4-66. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208120.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.00	B	23.5	5.12	Loam	0.31
TN107	1.00	C	6.34	4.84	Loam	0.28
TN157	0.00	B	2.38	4.62	Loam	0.28
TN158	22.00	C	1.89	5.14	Silty Loam	0.29
TN160	0.00	B	2.69	5.36	Loam	0.25

**Table 4-67. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208120.** More information is provided in Emory-Appendix IV

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Anderson	68,250	71,498	0.09	63	66	4.8
Morgan	17,300	18,521	11.9	2,059	2,205	7.1
<b>Totals</b>	<b>85,550</b>	<b>90,019</b>		<b>2,122</b>	<b>2,271</b>	<b>7.0</b>

*Table 4-68. Population Estimates in Subwatershed 06010208120.*

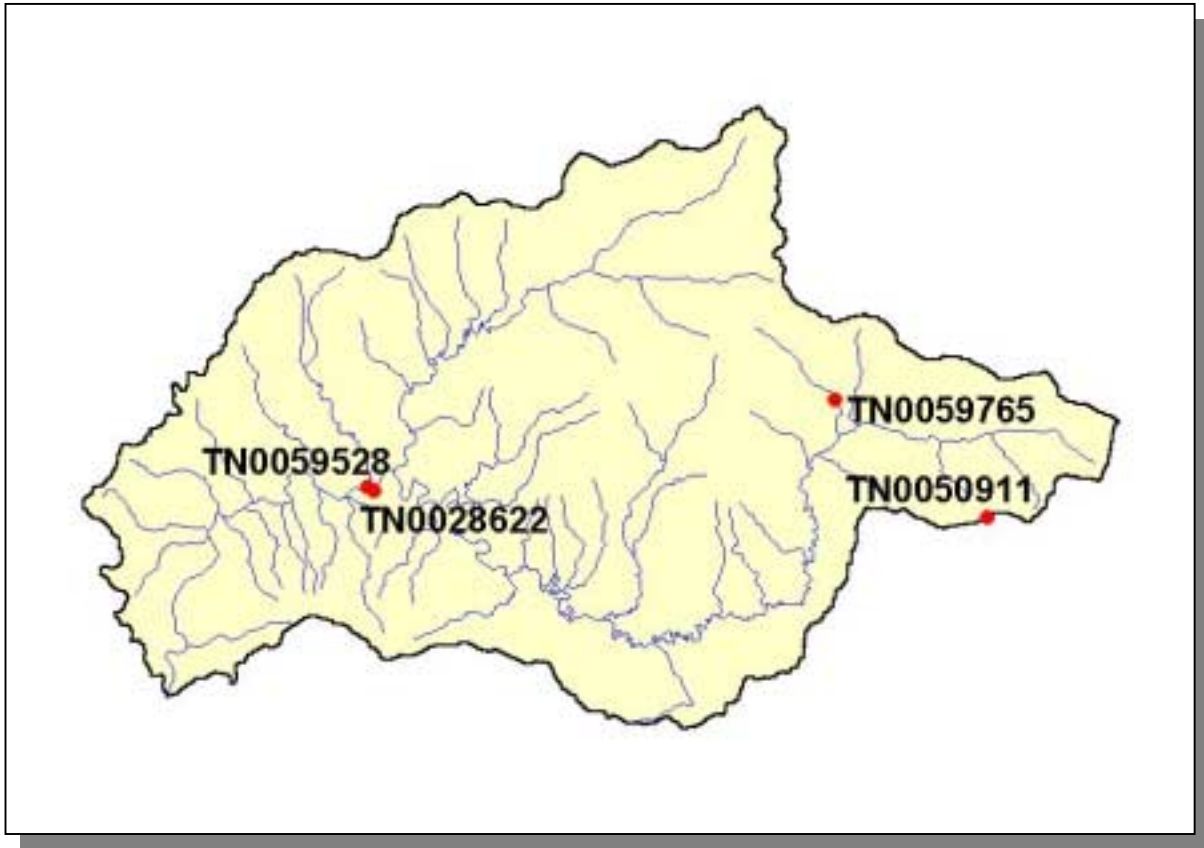
NUMBER OF HOUSING UNITS						
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Wartburg	Morgan	932	375	326	49	0

*Table 4-69. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010208120.*

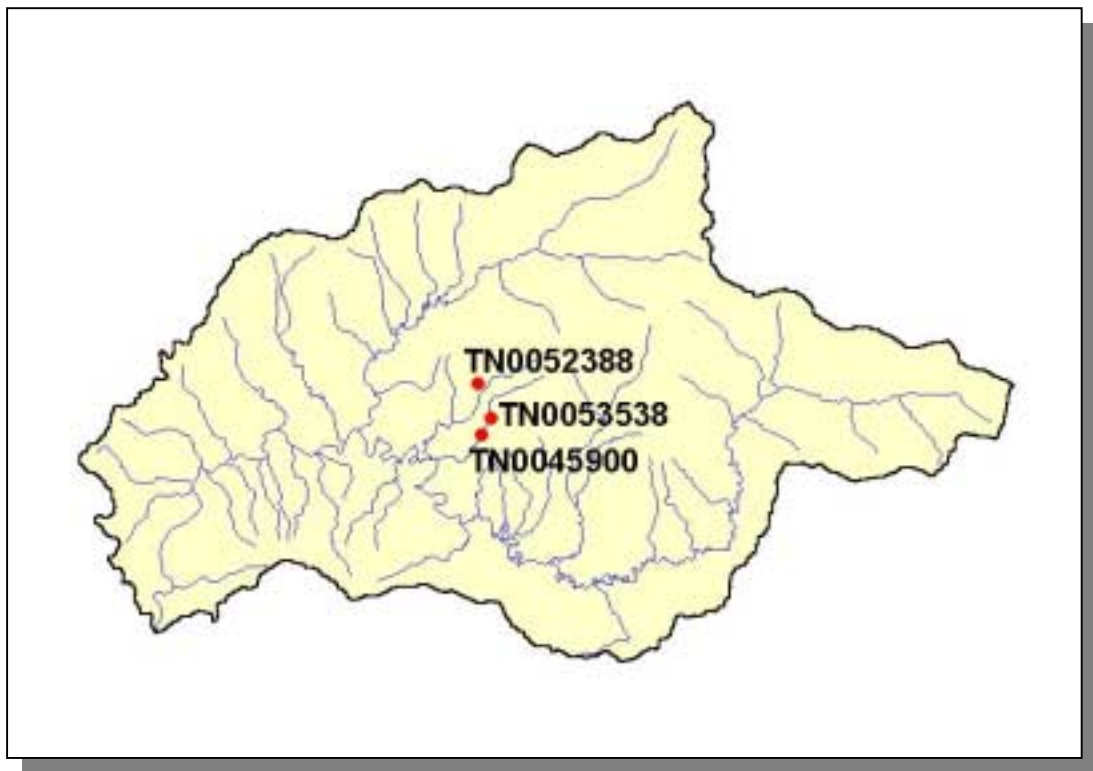


*Figure 4-67. Location of STORET Monitoring Sites in Subwatershed 06010208120. More information is provided in Emory-Appendix IV.*

4.2.L.ii. Point Source Contributions.



**Figure 4-68. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010208120.** More information, including the names of facilities, is provided in Emory-Appendix IV.

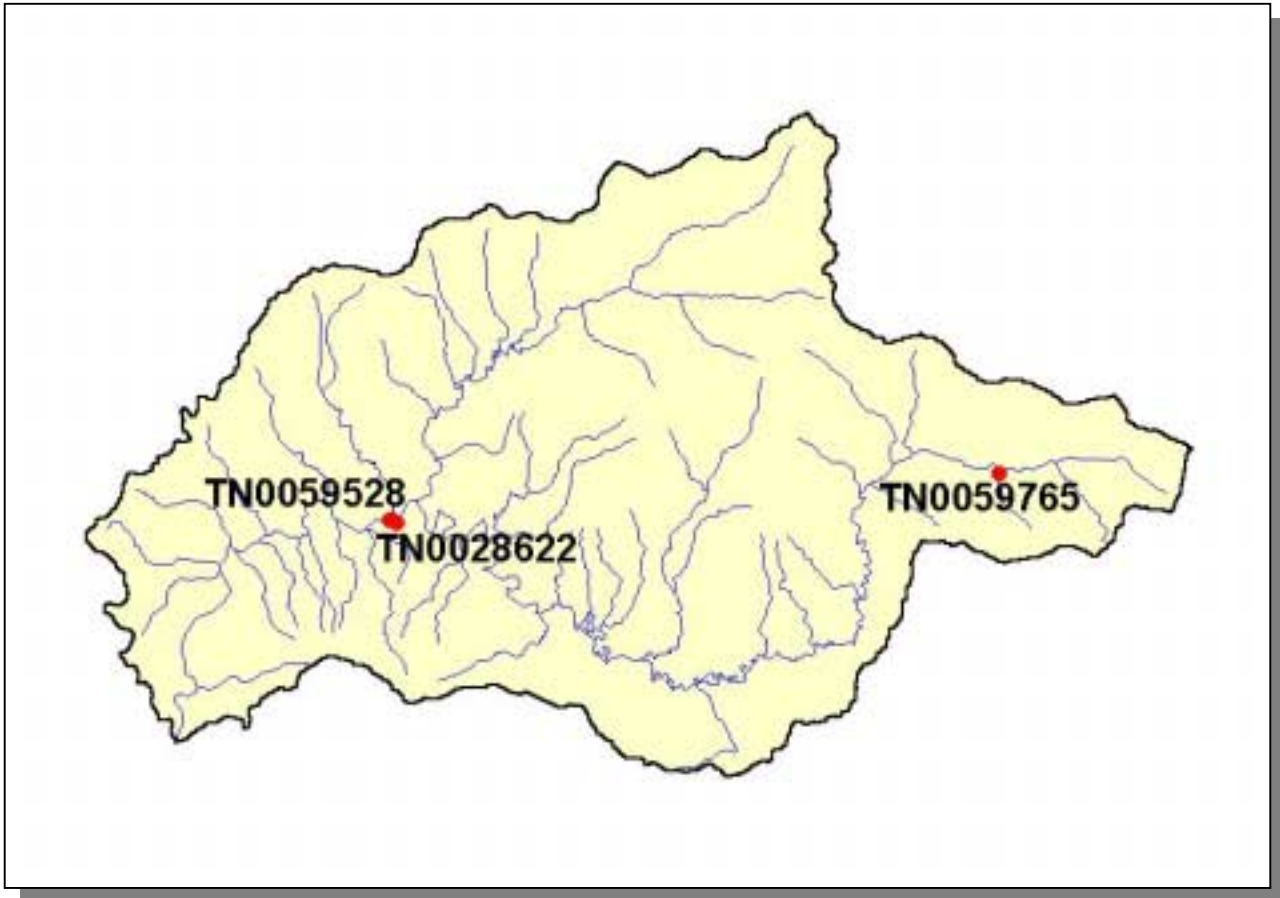


**Figure 4-69. Location of Active Mining Sites in Subwatershed 06010208120.** More information, including the names of facilities, is provided in Emory-Appendix IV.

**4.2.L.ii.a.** Dischargers to Waterbodies Listed on the 1998 303(d) List.

There are three NPDES facility discharging to water bodies listed on the 1998 303(d) list in Subwatershed 06010208120:

- TN0028622 discharges to Crooked Fork Creek @ RM 6.3
- TN0059528 discharges to Crooked Fork Creek @ RM 6.0
- TN0059765 discharges to Stockstill Creek @RM 1.15



**Figure 4-70. Location of NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 06010208120.** The names of facilities are provided in Emory-Appendix IV.

PERMIT #	7Q10	1Q20	30Q2	QDESIGN	QLTA
TN0028622	0	0	0	0.24	0.26
TN0059528	0	0	0	0.175	
TN0059765	0	0	0	0.15	0.17

**Table 4-70. Receiving Stream Flow Information for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 06010208120.** Data are in million gallons per day (MGD). Data were calculated using data in Flow Duration and Low Flows of Tennessee Streams Through 1992.

PERMIT #	CBOD <sub>5</sub>	NH <sub>3</sub>	FECAL
TN0028622	X	X	X
TN0059528	X	X	X
TN0059765	X	X	X

**Table 4-71. Monitoring Requirements for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 06010208120.**

PERMIT #	TSS	NH <sub>3</sub>	CBOD <sub>5</sub>	FECAL	DURATION
TN0028622	13	11	27	3	01/1990-05/1999
TN0059528	4	1	2		11/1999-02/2000
TN0059765	1	3	3		02/1994-05/1999

**Table 4-72. Number of Permit Violations Based on DMR Data for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 06010208120.**

#### 4.2.L.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
1,041	1,964	56	<5	330,866	18	8

**Table 4-73. Summary of Livestock Count Estimates in Subwatershed 06010208120.** According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Anderson	124.0	124.0	2.6	6.2
Morgan	287.8	276.2	3.5	10.9

**Table 4-74. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010208120.**



CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.43
Grass, Forbs, Legumes (Mixed Pasture)	0.12
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.05
Non Agricultural Land Use	0.00
Corn (Row Crops)	7.18
Grass (Hayland)	0.77
Legume Grass (Hayland)	0.23
Forest Land (Grazed)	0.00
Tobacco (Row Crops)	1.62
Other Vegetable and Truck Crops	12.06
Legume (Hayland)	1.07
Other Land in Farms	0.23

**Table 4-75. Annual Estimated Total Soil Loss in Subwatershed 06010208120.**